Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Monday 29 Nov 2021 until 23:59 on Tuesday 30 Nov 2021

Forecast Issued on Monday 29 Nov 2021 at 02:46

Confidence: High confidence for milder conditions to return later on Monday and Tuesday but this is temporary as cold northerly winds return from mid week. Lower confidence about the chance of precipitation on Monday afternoon.

Headline for Monday 29 Nov 2021: Bright start, increasing cloud, chance of rain in the afternoon, strengthening westerly winds.

Mountain weather hazards on Monday 29 Nov 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Partly cloudy (night)	Cloudy	Dull	Light rain	Light rain
Precipitation probability					
10%	10%	20%	30%	60%	60%

Forecast for Monday 29 Nov 2021

Weather: A dry, bright and frosty start to Monday morning but becoming increasingly cloudy during the morning, as milder air starts to push in from the west during the afternoon. It will become quite dull by late afternoon with light rain or sleet, increasingly turning to rain as the milder air makes its way over the Peak District. Precipitation will mainly be light and patchy with a few drier spells during the evening and stronger winds.

Chance of cloud free mountain/hill tops above 600m: 90% in the morning but reducing to 30% by the evening as patchy lower cloud becomes more broken and spreads east across the area during the late afternoon.

Visibility: Good visibility through much of the day, however it will turn cloudier and duller through the late afternoon especially in the west as cloud becomes increasingly thick above around 500-600m. Visibility will become poor in any sleet but will moderate as it turns to rain later in the evening.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Monday 29 Nov 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/9 NW	5/10 W	9/13 SW	16/23 SW	22/30 SW	22/30 SW	30/40 W
300	3/7 E	3/4 NW	5/7 SW	9/15 SW	14/23 SW	18/28 SW	22/31 W
Valley	3/7 NE	2/4 S	2/6 S	4/14 SW	7/20 SW	9/23 SW	14/31 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-1/-4	-1/-4	-1/-5	-0/-6	0/-6	2/-4	5/-1
300	-0/-2	-1/-3	0/-3	2/-2	3/-2	4/-0	7/2
Valley	-2/-4	-2/-4	-0/-2	1/-1	2/-1	4/1	7/4
Freezing Level*	00m	00m	100m	300m	1000m	1700m	1800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Remaining very cold to start but freezing level rising steadily through the afternoon with conditions becoming much milder, at least at lower levels, by the evening and lying snow beginning to melt in many places.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Mon 29 Nov 2021	0mm	0mm	6.8mm

Forecast for Tuesday 30 Nov 2021

Weather: A dull and cloudy morning with outbreaks of light and patchy rain or drizzle at times. A few brighter spells may be possible in the east. Rain will intensify by late afternoon with some heavier periods in the evening accompanied by strong winds it won't be very pleasant at times on the higher mountains.

Maximum wind: West or southwesterly 30mph gusting 35-45mph

Chance of cloud free mountain/hill tops above 600m: 30%, expected to be quite cloudy to low level associated with persistent rain and drizzle. Perhaps a few brighter periods in the afternoon in the east.

Visibility: Moderate or poor for most of the day in light rain or drizzle and then heavier rain later. Cloud bases will be broken from around 400-500m for much of the day.

Temperature: **Valleys:** Plus 10 Celsius.
At 600m: Plus 6 Celsius.
Freezing level: Above the summits.

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